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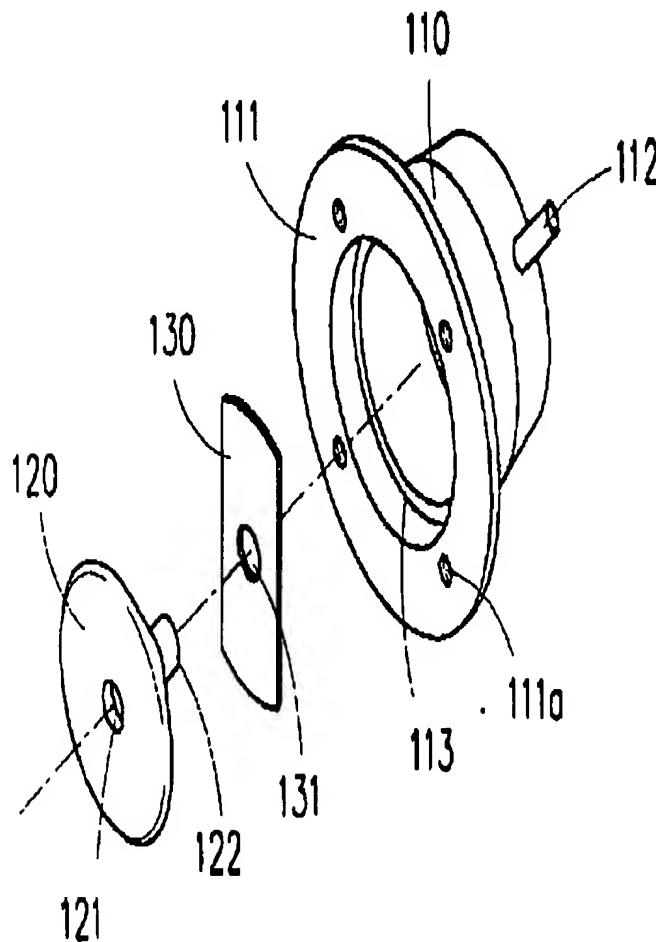
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(30) Priority:

(54) Title of Invention

ASSEMBLY OF VALVE

Representative drawing



(131) of a real circular shape.

(57) Abstract:

PURPOSE: An assembly of a valve is provided to minimize the loss of pressure by preventing the attachment of an outlet valve to the front end face of a cylinder by the magnetic force of a motor and to reduce the stiffness of an outlet spring by reducing the moving mass of the outlet valve.

CONSTITUTION: An outlet valve assembly (100) is composed of an outlet cover (110), a plastic valve member (120) and an elastic member (130). The outlet cover has a flange (111) formed on one end thereof, an outlet pipe (112) on one side thereof and a supporting end part (113) formed on inner face thereof to support both ends of the elastic member to prevent the pushing of the elastic member in compressing stroke of a piston. The inner face facing the piston of the valve member is plane, and the outer face facing the outlet cover is formed convex in a shape of a dome to make the elastic member closely contacted to the supporting end part of the outlet cover. And on the inner center of the valve member forms a fixed pin insertion groove (121). On the outer center forms a fixed protrusion (133) having a real circular section. The both ends of the outer face of the elastic member are placed on the supporting end part of the outlet cover. And the inner face center is supported in the middle of the valve member. In the center forms a fixed hole

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